

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
9 September 2005 (09.09.2005)

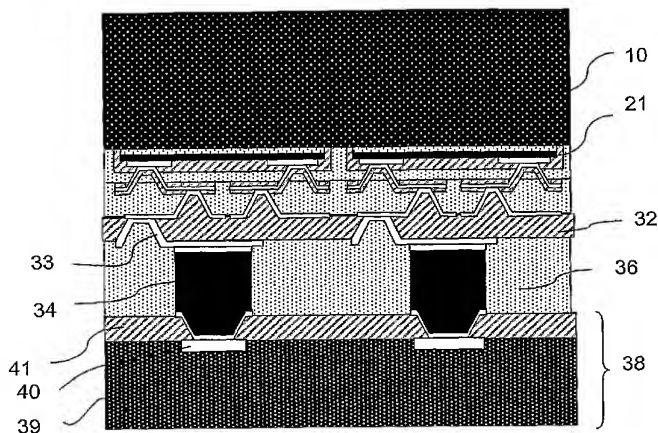
PCT

(10) International Publication Number
WO 2005/083376 A1

- (51) International Patent Classification⁷: **G01J 5/20**, 5/34, H01L 27/146
- (21) International Application Number: PCT/GB2005/000693
- (22) International Filing Date: 24 February 2005 (24.02.2005)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:
0404340.2 27 February 2004 (27.02.2004) GB
- (71) Applicant (for all designated States except US): **QINETIQ LIMITED** [GB/GB]; Registered Office, 85 Buckingham Gate, London SW1E 6PD (GB).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): **ANTHONY, Carl, John** [GB/GB]; QinetiQ Limited, Malvern Technology Centre, St Andrews Road, Malvern, Worcestershire WR14 3PS (GB). **TODD, Michael, Andrew** [GB/GB]; QinetiQ Limited, Malvern Technology Centre, St Andrews Road, Malvern, Worcestershire WR14 3PS (GB).
- (74) Agent: **DAVIES, Philip**; QinetiQ Limited, Intellectual Property, Cody Technology Park, Ively Road, Farnborough, Hants GU14 0LX (GB).
- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

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(54) Title: DESIGN AND FABRICATION METHOD FOR MICROSENSOR



(57) Abstract: A method for fabricating a micro-sensor device comprising the steps of fabricating on a parent substrate (10) at least one sensor element (21); forming an interconnect layer (32) having first and second surfaces remotely to the parent substrate (10) so as to enclose the at least one sensor element (21) between the first surface and the parent substrate; providing a plurality of electrical interconnections (33) between the at least one sensor element and a plurality of terminations at the second surface of the interconnect layer, said terminations adapted to interface with a readout substrate. The method may comprise the further step of providing a readout substrate (38) having a plurality of input connections (40) disposed on a first surface thereof, said input connections (40) arranged so as to substantially correspond with the terminations at the second surface of the interconnect layer, and interfacing the plurality of terminations with the corresponding input connections to form an integrated assembly.

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Declaration under Rule 4.17:

— *of inventorship (Rule 4.17(iv)) for US only*

Published:

— *with international search report*

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